

<b>UTILITY</b> <b>PATENT APPLICATION TRANSMITTAL</b> <small>For new nonprovisional applications under 37 CFR 1.53(b)</small>		Attorney Docket No. 113351	Total Pages _____
		First Named Inventor or Application Identifier Diakoumis Parissis Gerakoulis	
		Express Mail Label No.	EL676565318US

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form**  
(submit an original, and a duplicate for fee processing)

2. ☒ **Specification** [Total Pages 38]  
(preferred arrangement set forth below)

- Descriptive title of invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings(if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ **Drawing(s)**(35 USC 113) [Total Sheets 20]

4. **Oath or Declaration** [Total Pages 3]

a. ☒ **Newly executed** (original or copy)

b. ☐ **Copy from a prior application**(37 CFR 1.63(d))  
(for continuation/divisional with Box 15 completed)  
[Note Box 15 below]

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

5. ☐ **Microfiche Computer Program** (Appendix)

6. ☐ **Nucleotide and/or Amino Acid Sequence Submission**  
(if applicable, all necessary)

a. ☐ **Computer Readable Copy**

b. ☐ **Paper Copy**(identical to computer copy)

c. ☐ **Statement verifying identity of above copies**

**ACCOMPANYING APPLICATION PARTS**

7. ☒ **Assignment Papers**(cover sheet & document(s))

8. ☐ **37 CFR 3.73(b)Statement** ☐ **Power of Attorney**

9. ☐ **English Translation Document** (if applicable)

10. ☒ **Information Disclosure** ☐ **Copies of IDS**  
Statement(IDS)/PTO-1449 Citations

11. ☐ **Preliminary Amendment**

12. ☒ **Return Receipt Postcard** (MPEP 503)  
(Should be specifically itemized)

13. ☐ **Certified Copy of Priority Document(s)**  
(if foreign priority is claimed)

14. ☐ **Other :**

**15. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:**

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**16. CORRESPONDENCE ADDRESS**

☐ **Customer Number or Bar Code Label**

(Insert Customer No. or Attach bar code label here)

or ☒ **Correspondence address below**

<b>NAME</b>	Samuel H. Dworetzky				
<b>ADDRESS</b>	AT&T CORP. P.O. Box 4110				
<b>CITY</b>	Middletown	<b>STATE</b>	New Jersey	<b>ZIP CODE</b>	07748-4110
<b>COUNTRY</b>	United States of America			<b>FAX</b>	732-368-6932

**17. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

<b>NAME</b>	Alfred G. Steinmetz	<b>Reg. #</b>	22971
<b>TELEPHONE</b>	908-221-5462		
<b>SIGNATURE</b>		<b>DATE</b>	01/26/2001

"Express Mail" Mailing Label Number EL676565318US Date of Deposit 01/26/2001

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington D.C. , 20231

Shawn McGee

(Printed Name of Person Mailing Paper)

(Signature of Person Mailing Paper)

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <p style="font-size: small; margin: 0;">Patent Fees are subject to annual revision</p>		Complete if Known	
		Application Number	
		Filing Date	
		First Named Inventor	Diakoumis Parissis Gerakoulis
TOTAL AMOUNT OF PAYMENT     \$1,428		Examiner Name	
		Group/Art Unit	
		Attorney Docket No.	113351

  

<b>METHOD OF PAYMENT (check one)</b>  1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  Deposit Account Number     01-2745 Deposit Account Name     AT&T CORP.  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance	<b>FEE CALCULATION (continued)</b>  <b>3. ADDITIONAL FEES</b> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Fee Code</th> <th style="text-align: left;">Entity Fee(\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112*</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113*</td><td>1840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1390</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1890</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1240</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1240</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>Design issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>710</td><td>Filing a submission after final rejection(37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify)</td><td></td></tr> <tr><td colspan="3">Other fee (specify)</td><td></td></tr> </tbody> </table>	Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath		127	50	Surcharge - late provisional filing fee or cover sheet		139	130	Non-English specification		147	2520	For filing a request for reexamination		112*	920	Requesting publication of SIR prior to Examiner action		113*	1840	Requesting publication of SIR after Examiner action		115	110	Extension for reply within first month		116	390	Extension for reply within second month		117	890	Extension for reply within third month		118	1390	Extension for reply within fourth month		128	1890	Extension for reply within fifth month		119	310	Notice of Appeal		120	310	Filing a brief in support of an appeal		121	270	Request for oral hearing		138	1510	Petition to institute a public use proceeding		140	110	Petition to revive - unavoidable		141	1240	Petition to revive - unintentional		142	1240	Utility issue fee (or reissue)		143	440	Design issue fee		122	130	Petitions to the Commissioner		123	50	Petitions related to provisional applications		126	240	Submission of Information Disclosure Statement		581	40	Recording each patent assignment per property (times number of properties)	40	146	710	Filing a submission after final rejection(37 CFR 1.129(a))		149	710	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify)				Other fee (specify)			
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<b>2. CLAIMS</b> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Filing Under 37CFR 1.53 (b)  <input type="checkbox"/> CPA Under 37CFR 1.53 (d)  <input type="checkbox"/> Amendment         </div> <div> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Extra Claims</th> <th style="text-align: left;">Fee from below</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>31 - 20 =</td> <td>11 X 18 =</td> <td>198</td> </tr> <tr> <td>Ind.</td> <td>9 - 3 =</td> <td>6 X 80 =</td> <td>480</td> </tr> <tr> <td colspan="3">Multiple Dependent Claims</td> <td>0</td> </tr> </tbody> </table> </div> </div> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Fee Code</th> <th style="text-align: left;">Entity Fee(\$)</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>Independent Claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>Multiple Dependent Claims</td></tr> <tr><td>109</td><td>80</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="3" style="text-align: right;"><b>SUBTOTAL (2)</b></td><td><b>678</b></td></tr> </tbody> </table>				Extra Claims		Fee from below	Fee Paid	Total	31 - 20 =	11 X 18 =	198	Ind.	9 - 3 =	6 X 80 =	480	Multiple Dependent Claims			0	Large Fee Code	Entity Fee(\$)	Fee Description	103	18	Claims in excess of 20	102	80	Independent Claims in excess of 3	104	270	Multiple Dependent Claims	109	80	Reissue independent claims over original patent	110	18	Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b>			<b>678</b>
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SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Alfred G. Steinmetz	Reg. Number	22971
Signature		Date	01/26/2001
		Deposit Account User ID	

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231